



Models may vary from the image shown

USB keyboard with chipcard reader

With the secure PIN entry (class 2 reader) and EMV certification, you can rest assured that your data will be transmitted securely. Whether paying with a chipcard, encrypting your data, signing documents or simply registering on the network, you are always secure with the USB keyboard SmartBoard G83-6744. Major benefit: the G83-6744 fulfils the requirements of the law governing electronic signatures (SigG) and the order governing electronic signatures (SigV), giving electronic signatures a new standard of security.

Key benefits

- Common Criteria EAL 3+ certified for electronic signatures
- Secure PIN entry
- PC/SC Smart card reader
- CT-Api and OCF support
- Protocols: T=0, T=1, S=8, S=9, S=10
- EMV 2000 Level 1 approved
- CCID compatible
- Reading/writing ISO 7811-compliant chipcards

Technical Data:

Layout (country or language):

Product dependant, see table "Models"

Housing colour:

Product dependant, see table "Models"

Key colour:

Product dependant, see table "Models"

Weight (product):

approx. 1250 g

Total weight (with packaging):

approx. 1500 g

Cable Length:

approx. 1.75 m

Storage Temperature:

-20°C to 60°C

Operating Temperature:

0°C to 50°C

Current Consumption:

max. 100 mA

Interface:

- USB

Product approvals:

- VDE GS
- c-tick
- GOST-R
- UL
- VCCI
- CE
- FCC
- BG-GS
- FIPS 201

System requirements:

- USB connection

Delivery Volume:

- SmartBoard G83-6744
- CD-ROM with up-to-date software
- Operating instructions in hard copy

Dimensions (product):

approx. 458 x 195 x 54 mm

Packaging dimensions:

approx. 493 x 255 x 58 mm

Keyboard:

- Key technology: NTK
- Service life, standard key: > 20 million key operations
- Operation characteristics: Soft pressure point
- Inscription technology: Laser
- Inscription layout: Normal
- Number of Keys: Product dependant, see table "Models"

Smartcard-Reader:

- Hardware interface: USB
- Agency Approvals: Product dependant, see table "Models"
- Chip-card protocols: T=0, T=1, S=8, S=9, S=10
- Contact: mechanical swipe reader
- Software interface: CT-Api, PC/SC, CCID
- Mating cycles: approx. 100,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards
- Transmission speed reader <=> card: 412,903 Bit/s
- Transmission speed reader <=> system: max. 12 MBit/s
- Chip card pulse frequency: 4.8 MHz

Packaging Unit:

- Number of products in the master package: 40
- Number of master packages per pallet: 2

Warranty:

2 years

Errors, technical changes and delivery possibilities excepted.
Technical information refers only to the specifications of the products. Features may differ from the information provided.

Models:

(possible country/layout versions, others available on request)

| | Product name | Order number | Layout (country or language) | Housing colour | Key colour | Number of Keys | Smartcard-Reader Agency Approvals |
|----|---------------------|-----------------|------------------------------|----------------|------------|----------------|--|
| 1 | SmartBoard G83-6744 | G83-6744LUABE-0 | Belgium | light gray | light gray | 105 | EMV 2000 Level 1 |
| 2 | SmartBoard G83-6744 | G83-6744LUABE-2 | Belgium | black | black | 105 | EMV 2000 Level 1 |
| 3 | SmartBoard G83-6744 | G83-6744LUACH-0 | Switzerland | light gray | light gray | 105 | EMV 2000 Level 1 |
| 4 | SmartBoard G83-6744 | G83-6744LUACH-2 | Switzerland | black | black | 105 | EMV 2000 Level 1 |
| 5 | SmartBoard G83-6744 | G83-6744LUADE-0 | Germany | light gray | light gray | 105 | EMV 2000 Level 1 |
| 6 | SmartBoard G83-6744 | G83-6744LUADE-2 | Germany | black | black | 105 | EMV 2000 Level 1 |
| 7 | SmartBoard G83-6744 | G83-6744LUAES-0 | Spain | light gray | light gray | 105 | EMV 2000 Level 1 |
| 8 | SmartBoard G83-6744 | G83-6744LUAES-2 | Spain | black | black | 105 | EMV 2000 Level 1 |
| 9 | SmartBoard G83-6744 | G83-6744LUAEU-0 | US English with EURO symbol | light gray | light gray | 104 | EMV 2000 Level 1 |
| 10 | SmartBoard G83-6744 | G83-6744LUAEU-2 | US English with EURO symbol | black | black | 104 | EMV 2000 Level 1 |
| 11 | SmartBoard G83-6744 | G83-6744LUAFR-0 | France | light gray | light gray | 105 | EMV 2000 Level 1 |
| 12 | SmartBoard G83-6744 | G83-6744LUAFR-2 | France | black | black | 105 | EMV 2000 Level 1 |
| 13 | SmartBoard G83-6744 | G83-6744LUAGB-0 | UK | light gray | light gray | 105 | EMV 2000 Level 1 |
| 14 | SmartBoard G83-6744 | G83-6744LUAGB-2 | UK | black | black | 105 | EMV 2000 Level 1 |
| 15 | SmartBoard G83-6744 | G83-6744LUAHU-0 | Hungary | light gray | light gray | 105 | EMV 2000 Level 1 |
| 16 | SmartBoard G83-6744 | G83-6744LUAHU-2 | Hungary | black | black | 105 | EMV 2000 Level 1 |
| 17 | SmartBoard G83-6744 | G83-6744LUAIT-0 | Italy | light gray | light gray | 105 | EMV 2000 Level 1 |
| 18 | SmartBoard G83-6744 | G83-6744LUAIT-2 | Italy | black | black | 105 | EMV 2000 Level 1 |
| 19 | SmartBoard G83-6744 | G83-6744LUAPO-0 | Portugal | light gray | light gray | 105 | EMV 2000 Level 1 |
| 20 | SmartBoard G83-6744 | G83-6744LUAPO-2 | Portugal | black | black | 105 | EMV 2000 Level 1 |
| 21 | SmartBoard G83-6744 | G83-6744LUARG-0 | US / Cyrillic | light gray | light gray | 104 | EMV 2000 Level 1 |
| 22 | SmartBoard G83-6744 | G83-6744LUARG-2 | US / Cyrillic | black | black | 104 | EMV 2000 Level 1 |
| 23 | SmartBoard G83-6744 | G83-6744LUASF-0 | Sweden / Finland | light gray | light gray | 105 | EMV 2000 Level 1 |
| 24 | SmartBoard G83-6744 | G83-6744LUASF-2 | Sweden / Finland | black | black | 105 | EMV 2000 Level 1 |
| 25 | SmartBoard G83-6744 | G83-6744LUATS-0 | Czech Republic | light gray | light gray | 105 | EMV 2000 Level 1 |
| 26 | SmartBoard G83-6744 | G83-6744LUATS-2 | Czech Republic | black | black | 105 | EMV 2000 Level 1 |
| 27 | SmartBoard G83-6744 | G83-6744LUZBE-0 | Belgium | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |

| | Product name | Order number | Layout (country or language) | Housing colour | Key colour | Number of Keys | Smartcard-Reader Agency Approvals |
|----|---------------------|-----------------|------------------------------|----------------|------------|----------------|--|
| 28 | SmartBoard G83-6744 | G83-6744LUZBE-2 | Belgium | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 29 | SmartBoard G83-6744 | G83-6744LUZCH-0 | Switzerland | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 30 | SmartBoard G83-6744 | G83-6744LUZCH-2 | Switzerland | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 31 | SmartBoard G83-6744 | G83-6744LUZDE-0 | Germany | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 32 | SmartBoard G83-6744 | G83-6744LUZDE-2 | Germany | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 33 | SmartBoard G83-6744 | G83-6744LUZES-0 | Spain | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 34 | SmartBoard G83-6744 | G83-6744LUZES-2 | Spain | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 35 | SmartBoard G83-6744 | G83-6744LUZEU-0 | US English with EURO symbol | light gray | light gray | 104 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 36 | SmartBoard G83-6744 | G83-6744LUZEU-2 | US English with EURO symbol | black | black | 104 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 37 | SmartBoard G83-6744 | G83-6744LUZFR-0 | France | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 38 | SmartBoard G83-6744 | G83-6744LUZFR-2 | France | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 39 | SmartBoard G83-6744 | G83-6744LUZGB-0 | UK | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 40 | SmartBoard G83-6744 | G83-6744LUZGB-2 | UK | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 41 | SmartBoard G83-6744 | G83-6744LUZHU-0 | Hungary | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 42 | SmartBoard G83-6744 | G83-6744LUZHU-2 | Hungary | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 43 | SmartBoard G83-6744 | G83-6744LUZIT-0 | Italy | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |

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|----|---------------------|-----------------|------------------------------|----------------|------------|----------------|--|
| 44 | SmartBoard G83-6744 | G83-6744LUZIT-2 | Italy | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 45 | SmartBoard G83-6744 | G83-6744LUZPO-0 | Portugal | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 46 | SmartBoard G83-6744 | G83-6744LUZPO-2 | Portugal | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 47 | SmartBoard G83-6744 | G83-6744LUZRG-0 | US / Cyrillic | light gray | light gray | 104 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 48 | SmartBoard G83-6744 | G83-6744LUZRG-2 | US / Cyrillic | black | black | 104 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 49 | SmartBoard G83-6744 | G83-6744LUZSF-0 | Sweden / Finland | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 50 | SmartBoard G83-6744 | G83-6744LUZSF-2 | Sweden / Finland | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 51 | SmartBoard G83-6744 | G83-6744LUZTS-0 | Czech Republic | light gray | light gray | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |
| 52 | SmartBoard G83-6744 | G83-6744LUZTS-2 | Czech Republic | black | black | 105 | EMV 2000 Level 1, Common Criteria EAL 3+ |